Attorney Docket No. 81751.0017

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- (Currently Amended) A semiconductor device, comprising:
 a semiconductor substrate having a first conductive layer provided therein;
 an insulation layer provided above the semiconductor substrate;
- a semiconductor layer provided above the insulation layer, wherein the semiconductor layer includes an element isolation region which has a connection hole;
- a second conductive layer provided above the semiconductor layer or <u>disposed</u> in <u>contact with</u> the semiconductor layer, and electrically connected to the first conductive layer; and
- a contact layer provided in the <u>a first</u> connection hole, the contact layer electrically connecting the first conductive layer and the second conductive layer.
- (Original) The semiconductor device as defined by claim 1,
 wherein the first conductive layer is formed from an impurity layer.
- (Original) The semiconductor device as defined by claim 1,
 wherein the first conductive layer functions as a wiring layer.
- (Original) The semiconductor device as defined by claim 1,
 wherein the first conductive layer functions as a resistance layer.

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- 5. (Currently Amended) The semiconductor device as defined by claim 1, wherein a connection hole is provided for connecting the first conductive layer to the second conductive layer, and
 - wherein the connection hole extends into the semiconductor substrate, and wherein a contact layer is provided in the connection hole.
- (Original) The semiconductor device as defined by claim 1,
 wherein a side wall is provided in the connection hole.
- (Currently Amended) A semiconductor device, comprising:

 a semiconductor substrate having a contact region provided therein;
 an insulation layer provided above the semiconductor substrate; and
- a semiconductor layer provided above the insulation layer, wherein the semiconductor layer includes an element isolation region which has a connection hole:
- a conductive layer provided above the semiconductor layer or disposed in contact with the semiconductor layer, and has a function of allowing wherein the conductive layer allows charge to flow into the semiconductor substrate, the contact region being electrically connected to the conductive layer; and
- a contact layer provided in the <u>a first</u> connection hole, the contact layer electrically connecting the contact region and the conductive layer.
- 8. (Original) The semiconductor device as defined by claim 7, wherein the contact region is formed from an impurity layer.

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- 9. (Original) The semiconductor device as defined by claim 7, wherein a pn junction is formed by the contact region and the semiconductor substrate.
- 10. (Original) The semiconductor device as defined by claim 9, wherein the semiconductor substrate is n-type, and wherein the contact region is p-type.
- 11. (Original) The semiconductor device as defined by claim 9, wherein the semiconductor substrate is p-type, and wherein the contact region is n-type.
- 12. (Cancelled)
- 13. (Currently Amended) The semiconductor device as defined by claim 12 7, wherein a side wall is provided in the connection hole.

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14. (Currently Amended) A semiconductor device, comprising:

a semiconductor substrate having a first electrode provided therein;
an insulation layer provided above the semiconductor substrate;
a semiconductor layer provided above the insulation layer, the semiconductor layer having a second electrode provided therein, wherein the first electrode is

connected electrically to a conductive layer disposed in contact with the

semiconductor layer.; and

wherein the first electrode, the second electrode, and the insulation layer [in cooperation turning] are configured as a capacitive element.

- 15. (Original) The semiconductor device as defined by claim 14, wherein the first electrode is formed from a first impurity layer.
- 16. (Original) The semiconductor device as defined by claim 14, wherein the second electrode is formed from a second impurity layer.
- 17. (Currently Amended) The semiconductor device as defined by claim 14, wherein the first electrode is connected electrically to a conductive layer provided above the semiconductor layer er in the semiconductor layer.
- 18. (Original) The semiconductor device as defined by claim 17, wherein a connection hole is provided for connecting the first electrode to the conductive layer, and

wherein a contact layer is provided in the connection hole.

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19. (Original) The semiconductor device as defined by claim 18, wherein a side wall is provided in the connection hole.

20.-31. (Cancelled)

Please add the following new claims 32-44:

- 32. (New) The semiconductor device as defined by claim 1, wherein the first conductive layer is embedded in the semiconductor substrate.
- 33. (New) The semiconductor device as defined by claim 1, wherein the second conductive layer is formed independently of the contact layer.
- 34. (New) The semiconductor device as defined by claim 7, wherein the contact region is embedded in the semiconductor substrate.
- 35. (New) The semiconductor device as defined by claim 7, wherein the conductive layer is formed independently of the contact layer.
- 36. (New) The semiconductor device as defined by claim 14, wherein the first electrode is embedded in the semiconductor substrate.
- 37. (New) The semiconductor device as defined by claim 14, wherein the second electrode is formed independently of the contact layer.

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- The semiconductor device as defined by claim 1, wherein the 38. (New) semiconductor layer includes an element isolation region which has a second connection hole therein.
- (New) The semiconductor device as defined by claim 1, wherein the second 39. conductive layer provided above the semiconductor layer.
- (New) The semiconductor device as defined by claim 1, wherein the second 40. conductive layer provided in the semiconductor layer.
- The semiconductor device as defined by claim 7, wherein the 41. (New) semiconductor layer includes an element isolation region which has a second connection hole therein.
- 42. The semiconductor device as defined by claim 7, wherein the (New) conductive layer provided above the semiconductor layer.
- The semiconductor device as defined by claim 7, wherein the 43. (New) conductive layer provided in the semiconductor layer.
- (New) The semiconductor device as defined by claim 14, wherein the first 44. electrode is connected electrically to a conductive layer provided in the semiconductor layer.